

**Method of checking lambda probes of IC engine****Publication number:** DE19733107**Publication date:** 1999-02-18**Inventor:** ROESEL GERD DR (DE); ZHANG HONG DR (DE)**Applicant:** SIEMENS AG (DE)**Classification:****- International:** *F01N11/00; G01N27/407; F02D41/12; F01N11/00; G01N27/407; F02D41/12; (IPC1-7): G01N27/406; F01N7/08***- European:** F01N11/00C; G01N27/407**Application number:** DE19971033107 19970731**Priority number(s):** DE19971033107 19970731**Also published as:**

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The method involves checking that the engine (10) is in the thrust cut-off operating state, then measuring the switching time within which the probe (19) output signal changes from a voltage representing a rich mixture to one representing a lean mixture. The switching time is normalised depending on the air mass flow fed into the engine and the normalised time is compared with a limit value to evaluate the functionality of the probe.

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